

FIGURE 10

Caspase 1

| inh conc | log of con | % inhib |
|----------|------------|---------|
| 0.025uM  | -1.602     | 0       |
| 0.05uM   | -1.301     | 0       |
| .1uM     | -1         | 0       |
| 0.5uM    | -0.301     | 18.2    |
| 1uM      | 0          | 34.8    |
| 2.5uM    | 0.3979     | 69.7    |
| 5uM      | 0.6989     | 100     |
| 10uM     | 1          | 100     |
| 25uM     | 1.398      | 100     |
| 50uM     | 1.6989     | 100     |

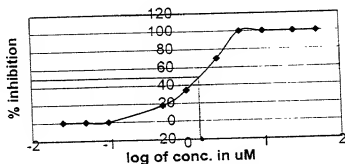
Q-(C=O)-VD(OMe)-CH<sub>2</sub>-ASA

FIGURE 11

Caspase 3

| inh conc | log of con | % inhib |
|----------|------------|---------|
| 0.005uM  | -2.301     | 0       |
| 0.01uM   | -2         | 0       |
| .025uM   | -1.602     | 2.3     |
| .05uM    | -1.301     | 9.1     |
| .1uM     | -1         | 6.4     |
| 0.5uM    | -0.301     | 29.3    |
| 1uM      | 0          | 45      |
| 2.5uM    | 0.3979     | 74.8    |
| 5uM      | 0.6989     | 91.5    |
| 10uM     | 1          | 98.2    |
| 25uM     | 1.398      | 100     |
| 50uM     | 1.6989     | 100     |

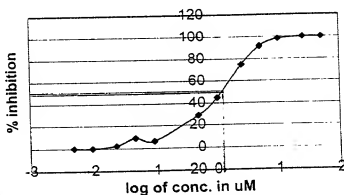
Q-(C=O)-VD(OMe)-CH<sub>2</sub>-ASA

FIGURE 12

Caspase 1

| inh conc | log of con | % inh |
|----------|------------|-------|
| .0025uM  | -2.602     | 3.14  |
| .005uM   | -2.301     | 2.6   |
| .01uM    | -2         | 1.4   |
| .025uM   | -1.602     | 10.3  |
| .05uM    | -1.301     | 8.3   |
| .1uM     | -1         | 23.7  |
| 0.5uM    | -0.301     | 50.9  |
| 1uM      | 0          | 66.29 |
| 2.5uM    | 0.3979     | 90.3  |
| 5uM      | 0.6989     | 96.3  |
| 10uM     | 1          | 100   |
| 25uM     | 1.3979     | 100   |
| 50uM     | 1.6979     | 100   |

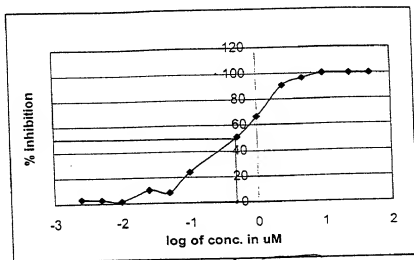
Indole-(C=O)-VD(OMe)-CH<sub>2</sub>-OPh

FIGURE 13

Caspase 1

| inh conc | log of con | % inh |
|----------|------------|-------|
| .0025uM  | -2.602     | 16.3  |
| .005uM   | -2.301     | 19.4  |
| .01uM    | -2         | 22.6  |
| .025uM   | -1.602     | 42.86 |
| .1uM     | -1         | 44    |
| 0.5uM    | -0.301     | 74    |
| 1uM      | 0          | 87.4  |
| 2.5uM    | 0.3979     | 97.1  |
| 5uM      | 0.6989     | 100   |
| 10uM     | 1          | 100   |
| 25uM     | 1.3979     | 100   |
| 50uM     | 1.6979     | 100   |

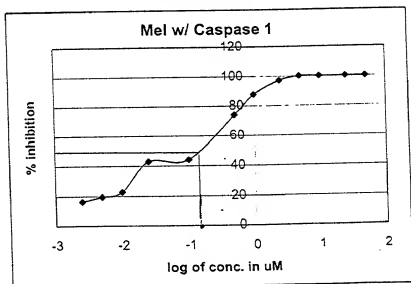
Melatonin-VD(OMe)-CH<sub>2</sub>-OPh

FIGURE 14

Caspase 1

| inh conc | log of con | % inhib |
|----------|------------|---------|
| 0.0025uM | -2.602     | 0       |
| 0.005uM  | -2.301     | 0       |
| 0.01uM   | -2         | 0       |
| .025uM   | -1.602     | 0       |
| .05uM    | -1.301     | 7.3     |
| .1uM     | -1         | 26.8    |
| 0.5uM    | -0.301     | 93.4    |
| 1uM      | 0          | 99.6    |
| 2.5uM    | 0.3979     | 100     |
| 5uM      | 0.6989     | 100     |
| 10uM     | 1          | 100     |
| 25uM     | 1.398      | 100     |
| 50uM     | 1.6989     | 100     |

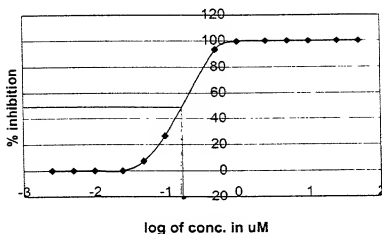
Bzl-Melatonin-VD(OMe)-CH<sub>2</sub>-OPh

FIGURE 15

Caspase 1

| inh conc | log of con | % inhib |
|----------|------------|---------|
| 0.0025uM | -2.602     | 38.4    |
| 0.005uM  | -2.301     | 25.7    |
| 0.01uM   | -2         | 29.6    |
| .025uM   | -1.602     | 23      |
| .05uM    | -1.301     | 44.3    |
| 0.5uM    | -0.301     | 57.2    |
| 1uM      | 0          | 91.4    |
| 2.5uM    | 0.3979     | 95      |
| 5uM      | 0.6989     | 96.9    |

HydroxyTryptophan-VD(OMe)-CH<sub>2</sub>-OPh